

ThinkVision P49w-30 Monitor

The pinnacle of multitasking. Meets the zenith of creativity.

Smarter
technology
for all

Achieve peak productivity with ease!



The ThinkVision P49w-30 Monitor is a great companion for multitasking on tasks ranging from data crunching to chasing stock market numbers. Its In-Plane Switching black panel technology delivers deep blacks and vivid, vibrant colors, while the wide viewing angles ensure that the screen is clearly visible from every angle. Enjoy a sharper view of your working world with its Dual QHD (5120 x 1440) resolution and 2000:1 contrast ratio. Get more done on a single screen with the 49-inch screen size and 32:9 screen aspect ratio. See crystal-clear views that appear consistent from every angle with the In-Plane Switching panel. 98% DCI-P3 color space coverage, along with an Avg. Delta E<2 lets you enjoy rich and vivid color representation. The ThinkVision P49w-30 Monitor sports a total of 13 ports, including two Thunderbolt™ 4 ports which facilitate extremely fast data transfer of up to 40 Gbps. Availability of an ethernet port lets you access your machines' Intel® vPro® capabilities over the internet. Lenovo's patented True Split allows you to work on content from two PCs on a single screen through the PBP function with just one cable. Switch easily between two connected PCs with Lenovo's eKVM/KVM switch without the need for additional drivers. Enjoy loud and crystal-clear audio with the two built-in 5W speakers and benefit from the option to have a more convenient remote meeting experience with support for the MC60 Monitor Webcam¹. Let the ThinkVision P49w-30 Monitor help you create a robust performance-driven ecosystem with ease.

Features of ThinkVision P49w-30 Monitor



Big screen, unlimited multitasking

The ThinkVision P49w-30 Monitor's 49-inch, 32:9 aspect ratio display offers a panoramic view of your professional world. The wide display gives you the freedom to multitask and power through multiple tasks on a single screen. Experience crystal-clear imagery and video content in unparalleled detail with the monitor's Dual QHD, 5120 x 1440 resolution, and 2000:1 contrast ratio. Enjoy clear, distortion-free visuals from any angle with the monitor's In-Plane Switching black panel technology, which also delivers deep blacks and vibrant colors. Get set to experience HDR video content imagery that is life-like, thanks to HDR10 support.



Your one-stop docking solution

The ThinkVision P49w-30 Monitor can now become the hub to connect all your devices, with 13 ports including an easy-to-access, front-facing USB-C² port on the Push-Push module and an RJ45 network port. Thunderbolt™ 4 ports give you extremely fast data transfer speeds and the ability to daisy chain two ThinkVision P49w-30 monitors. Stack one monitor on top of the other and select 180° rotation from your Windows Display settings for the top monitor and enjoy a larger, more seamless viewing experience. True Split functionality lets you split the display into two screens, while the smart eKVM/KVM feature lets you switch easily between two separate inputs. Enjoy a secure and stable connection with Intel's vPro technology!



Bring remote collaborations to life

The ThinkVision P49w-30 Monitor comes with a support stack for the MC60 Monitor Webcam¹ for better remote collaboration. Looking and sounding great is essential for all meetings, and with the MC60 webcam's 1080p FHD lens, you can rest assured that your image will always look absolutely crystal-clear and sharp. The integrated microphone on the monitor is designed to remove any unwanted sound from the surroundings to ensure that your audio always sounds completely clear and has no background noise. Being able to hear your colleagues during meetings is also crucial, and the two built-in 5W speakers produce loud and distortion-free audio so that you never miss a word.

¹ Sold separately. | ² USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum.

ThinkVision P49w-30 Monitor

Display

Panel Size
49-inch

Screen Dimensions
1209.9 mm x 360.5 mm

Panel Type
3-side Borderless In-Plane Switching

Active Area
1198.1 mm x 337.0 mm

Curvature
3800R

Backlight
WLED

Aspect Ratio
32:9

Resolution
5120 x 1440

Pixel Pitch
0.234 mm x 0.234 mm

Dot/Pixel Per Inch (DPI/PPI)
109

Viewing Angle (H x V @ CR 10:1)
178° / 178°

Response Time
4ms (Extreme Mode), 6ms (Normal Mode)

Refresh Rate
60Hz

Brightness (Typical)
350 cd/m²

Contrast Ratio (Typical)
2000:1

Dynamic Contrast Ratio (Typical)
3M:1

Color Gamut (Coverage Ratio)
98% DCI-P3 (CIE 1976)

Color Support (Typical)
1.07 Billion

Color Depth
10-bit (8+FRC)

Anti-Glare
Yes

Connectivity

Video Signal
2 x HDMI 2.1
1 x DP 1.4
2 x Thunderbolt™ 4 (In/Out)

Audio Signal
1 x Audio Out (3.5 mm)

USB Hub
Yes

Ethernet
Yes (10M/100M/1000M)

USB Upstream
1 x Thunderbolt™ 4 (Up to 100W)
1 x USB 3.2 Gen 1 Type-B

USB Downstream
4 x USB 3.2 Gen 1 Type-A
1 x USB 3.2 Gen 1 Type-C² (15W)
1 x Thunderbolt™ 4 Out (27W)

Multimedia

Integrated Speakers
Yes (2 x 5W)

Modular Camera/Speaker Support
Yes (Optional Support)³

Special Features

Factory Calibration
Yes (Avg. Delta E<2)

PIP/PBP
Yes

True Split
Yes

KVM Switch
Yes

Software
Lenovo ThinkColour (Lenovo Display Control Center)⁴

Natural Low Blue Light
Yes

Power

Power Consumption (Typ. / Max)
58W / 265W

Power Consumption Sleep/Off Mode
0.5W

Power Consumption Switch-Off Mode
0.3W

ENERGY STAR Power Consumption (Pon/E_{TEC})
54W / 167kWh

Power Supply
Internal

USB Type-C² (Downstream) Power Delivery⁵
Up to 15W

Thunderbolt™ Power Delivery⁵
Up to 100W

Smart Power
Yes

Voltage Required
AC 100 to 240 V (50-60Hz)

Mechanical

Tilt Angle (Front / Back)
-5° / 23.5°

Swivel Angle (Left / Right)
-45° / 45°

Lift (Max. Range)
155 mm

VESA Mount Capability
Yes (100 x 100 mm; 100 x 200 mm)

ThinkCentre M Series Tiny Support
Yes, by Tiny Clamp Bracket
Mounting Kit III (PN: 4XF1K72399)⁶

Kensington Lock Slot
Yes

Cable Management
Yes

Bezel Color
Raven Black

Bezel Width (Side)
2.1 mm

Bezel Width (Top / Bottom)
2.1 / 19.7 mm

Dimension

Size Packed (D x H x W) (mm/inch)
282.0 x 525.0 x 1310.0 mm
11.10 x 20.67 x 51.57 inches

Size Unpacked w/ Stand (Highest Position) (D x H x W) (mm/inch)
253.9 x 576.3 x 1215.1 mm
9.99 x 22.69 x 47.84 inches

Size Unpacked w/ Stand (Lowest Position) (D x H x W) (mm/inch)
253.9 x 421.3 x 1215.1 mm
9.99 x 16.59 x 47.84 inches

Size Unpacked w/o Stand (Head Only) (D x H x W) (mm/inch)
110.4 x 370.1 x 1215.1 mm
4.35 x 14.57 x 47.84 inches

Weight Packed (kg / lb)
23.3 kg / 51.4 lbs

Weight Unpacked (kg / lb)
15.8 kg / 34.8 lbs

Weight (Monitor Head Only) (kg / lb)
11.1 kg / 24.5 lbs

What's in the Box

Monitor with Stand
Yes

Power Cable (Cable Length)
1 x Power Cable (1.8 m)

DP Cable (Cable Length)
1 x DP Cable (1.8 m) (NA & LA only⁷)

USB Cable (Cable Length)
1 x USB Type-A to Type-B Cable (1.8 m)

Thunderbolt™ Cable (Cable Length)
1 x Thunderbolt™ 4 Cable (1.5 m, 40 Gbps)

Factory Calibration Report
Yes

Quick Setup Guide
Yes

Certification

ENERGY STAR Certification
Yes

CCC
Yes

TCO
9.0

TCO Edge
2.0

EPEAT
Gold

Volatile Organic Compound Certification
Yes

RoHS (2011/65/EU)
Yes

Windows Certification
Windows 10, Windows 11

China Energy Efficiency Standard
Tier 2

TÜV Rheinland Eye Comfort
Yes

TÜV Low Blue Light (Hardware Solution)
Yes

Eyesafe Display
Yes (Eyesafe 2.0)

Certification
Yes (Eyesafe 2.0)



¹ Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: 5 Gbit/s for USB 3.2 Gen 1; 10 Gbit/s for USB 3.2 Gen 2 & 20 Gbit/s for USB 3.2 Gen2x2. | ² USB Type-C[®] and USB-C[®] are registered trademarks of USB Implementers Forum. | ³ Compatible with ThinkVision VoIP Stack MC60 Monitor Webcam and MS30 Monitor Soundbar. | ⁴ This software can only be used with Windows 10 & Windows 11. | ⁵ Listed as maximum capacity of power delivery. Actual capacity of power delivery may vary depending upon devices connected or monitor configuration, and may decline with downstream USB ports connected or higher brightness setting. | ⁶ Sold separately. | ⁷ NA - North America, LA - Latin America region.

© 2023 Lenovo. All rights reserved. These products are available while supplies last. Prices shown are subject to change without notice. For any questions concerning price, please contact your Lenovo Account Executive. Lenovo is not responsible for photographic or typographic errors. Warranty: For a copy of applicable warranties, write to: Warranty Information, 500 Park Offices Drive, RTP, NC 27709, U.S.A., Attn: Dept. ZPYA/B600. Lenovo makes no representation or warranty regarding third-party products or services. Trademarks: Lenovo, the Lenovo logo, Rescue and Recovery, ThinkPad, ThinkCentre, ThinkStation, ThinkVantage, ThinkVision, and ThinkColour are trademarks or registered trademarks of Lenovo. Microsoft, Windows, and Vista are registered trademarks of Microsoft Corporation. Intel, the Intel logo, Intel Inside, Intel Core, and Core Inside are trademarks of Intel Corporation in the U.S. and/or other countries. Other company, product, and service names may be trademarks or service marks of others.

Specifications may vary depending upon region.

This datasheet is for CES 2023 only. Images, and specs may change until the final release of the product.

Smarter
technology
for all

Lenovo